AUTHOR INDEX

Abbott, Bernard J. 382, 389
Abe, Fuminori 312, 788
Abe, Kenji 890
Abruzzo, George K. 174, 795, 815
Adachi, Hideki 977
Adachi, Takashi 1012, 1433
Adachi, Tomohiro 223
Ahmed, Z. H. 398
Ajito, Keiichi 611, 1133
Akiyama, Tetsu 340, 1530
Allaudeen, H. S. 107
Anderson, Margaret G. 640
Ando, Katsuhiko 153, 1049, 1470, 1775
Ando, Takeshi 1584
Anke, Heidrun 738
Anke, Timm 875
Anraku, Yumi 1344, 1350, 1734
Antonini, Piero 361
Aoki, Hatsuo 1578, 1584, 1589
Aono, Masako 1015
Aoyagi, Takaaki 486, 489, 883, 1008
Arakawa, Hiroyuki 1235
Ariga, Hiroyoshi 604
Arison, Byron H. 1248
Arpin, Noël 1430
Asahi, Akira 1362
Asahi, Yoshinari 960
Asano, Kozo 333, 564, 1768
Asano, Masayuki 620
Asano, Naoki 585, 1302
Ashino-Fuse, Hiromi 1202
Ashworth, Doreen M. 1088
Atsumi, Sonoko 611
Baczynskyj, L. 132
Baker, W. L. 834
Balchin, James 627
Baltz, Richard H. 1725
Banks, R. M. 1593
Barbier, Michel 1189
Barlow, G. J. 506
Barnhart, M. 389
Barrett, T. 1063
Basker, Michael J. 1328
Batta, Gyula Y. 1790
Beale, John M. 1151, 1643, 1649
Bedorf, Norbert 14
Belton, Annette M. 1213
Benigni, Daniel 1199
Berdnikova, Tatiana F. 1790
Beretta, M. G. 497
Bernillon, Jacques 1430
Berry, Donnis M. 470, 1438
Berti, Marisa 497, 1684, 1800
Beyer, Jill 538
Bishop, R. 1063
Bland, Judith A. 163, 815
Blizzard, Timothy A. 1304
Boeck, LaVerne D. 382, 623
Boelsterli, Johann Jakob 897
Borders, Donald B. 398, 1070
Bordner, Jon 37, 1610
Borghi, Angelo 361
Borisova, Valeriya N. 1790
Bormann, Christiane 230, 711, 913
Borowski, Edward 1631, 1639
Box, Stephen J. 627
Bradner, William T. 1199, 1446, 1547
Brain, Edward G. 1817
Brazhnikova, Mariya G. 1790
Brewer, M. D. 1593
Buko, Alexander M. 512, 533
Bullock, M. W. 398
Bush, James A. 1446, 1547, 1763
Butler, T. F. 389
Butsuya, Ikuo 423
Cane, David E. 1088
Carter, G. T. 398
Cassani, G. 497
Castellino, Francis J. 1506
Cavalleri, Bruno 254, 268, 1684, 1882
Celmer, Walter D. 37
Chaiet, Louis 1718
Chang, Shang-Poa 1213
Chen, L.-C. 1643
Chen, Randal H. 506, 512, 521, 533, 538
Cheng, Xing-Chun 141
Chi, Cheng-wu 1506
Chibber, Bakshy A. K. 1506
Chida, Noritaka 1520
Chisaka, Osamu 644
Chuang, Julia M. 1379
Ciabatti, Romeo 254, 268, 1268, 1276
Cialdella, J. I. 132, 826
Ciesiolka, Thomas 299
Cietto, Giuseppe 1800
Clardy, Jon 852, 1449
Claridge, Charles 1547
Coats, John H. 472, 475
Coen, Lyle J. 94, 521
Collis, Christina M. 482
Cone, Martha C. 179
Conner, S. D. 1489
Conradt, Peter 1158
Counter, Fred T. 63, 1253, 1673
Crast, Leonard B., Jr. 1379
Crouse, Gary D. 1253, 1673
Cullen, Walter P. 37, 206, 1213, 1453
Czerwiński, Andrzej 1631

AUTHOR INDEX

Abbott, Bernard J. 382, 389
Abe, Fuminori 312, 788
Abe, Kenji 890
Abruzzo, George K. 174, 795, 815
Adachi, Hideki 977
Adachi, Takashi 1012, 1433
Adachi, Tomohiro 223
Ahmed, Z. H. 398
Ajito, Keiichi 611, 1133
Akiyama, Tetsu 340, 1530
Allaudeen, H. S. 107
Anderson, Margaret G. 640
Ando, Katsuhiko 153, 1049, 1470, 1775
Ando, Takeshi 1584
Anke, Heidrun 738
Anke, Timm 875
Anraku, Yumi 1344, 1350, 1734
Antonini, Piero 361
Aoki, Hatsuo 1578, 1584, 1589
Aono, Masako 1015
Aoyagi, Takaaki 486, 489, 883, 1008
Arakawa, Hiroyuki 1235
Ariga, Hiroyoshi 604
Arison, Byron H. 1248
Arpin, Noël 1430
Asahi, Akira 1362
Asahi, Yoshinari 960
Asano, Kozo 333, 564, 1768
Asano, Masayuki 620
Asano, Naoki 585, 1302
Ashino-Fuse, Hiromi 1202
Ashworth, Doreen M. 1088
Atsumi, Sonoko 611
Baczynskyj, L. 132
Baker, W. L. 834
Balchin, James 627
Baltz, Richard H. 1725
Banks, R. M. 1593
Barbier, Michel 1189
Barlow, G. J. 506
Barnhart, M. 389
Barrett, T. 1063
Basker, Michael J. 1328
Batta, Gyula Y. 1790
Beale, John M. 1151, 1643, 1649
Bedorf, Norbert 14
Belton, Annette M. 1213
Benigni, Daniel 1199
Berdnikova, Tatiana F. 1790
Beretta, M. G. 497
Bernillon, Jacques 1430
Berry, Donnis M. 470, 1438
Berti, Marisa 497, 1684, 1800
Beyer, Jill 538
Bishop, R. 1063
Bland, Judith A. 163, 815
Blizzard, Timothy A. 1304
Boeck, LaVerne D. 382, 623
Boelsterli, Johann Jakob 897
Borders, Donald B. 398, 1070
Bordner, Jon 37, 1610
Borghi, Angelo 361
Borisova, Valeriya N. 1790
Bormann, Christiane 230, 711, 913
Borowski, Edward 1631, 1639
Box, Stephen J. 627
Bradner, William T. 1199, 1446, 1547
Brain, Edward G. 1817
Brazhnikova, Mariya G. 1790
Brewer, M. D. 1593
Buko, Alexander M. 512, 533
Bullock, M. W. 398
Bush, James A. 1446, 1547, 1763
Butler, T. F. 389
Butsuya, Ikuo 423
Cane, David E. 1088
Carter, G. T. 398
Cassani, G. 497
Castellino, Francis J. 1506
Cavalleri, Bruno 254, 268, 1684, 1882
Celmer, Walter D. 37
Chaiet, Louis 1718
Chang, Shang-Poa 1213
Chen, L.-C. 1643
Chen, Randal H. 506, 512, 521, 533, 538
Cheng, Xing-Chun 141
Chi, Cheng-wu 1506
Chibber, Bakshy A. K. 1506
Chida, Noritaka 1520
Chisaka, Osamu 644
Chuang, Julia M. 1379
Ciabatti, Romeo 254, 268, 1268, 1276
Cialdella, J. I. 132, 826
Ciesiolka, Thomas 299
Cietto, Giuseppe 1800
Clardy, Jon 852, 1449
Claridge, Charles 1547
Coats, John H. 472, 475
Coen, Lyle J. 94, 521
Collis, Christina M. 482
Cone, Martha C. 179
Conner, S. D. 1489
Conradt, Peter 1158
Counter, Fred T. 63, 1253, 1673
Crast, Leonard B., Jr. 1379
Crouse, Gary D. 1253, 1673
Cullen, Walter P. 37, 206, 1213, 1453
Czerwiński, Andrzej 1631

Daikoku, Toru 1854
Dairi, Tohru 934
Davies, David T. 367
Debono, Manuel 382, 389, 1253, 1673
Decker, Heinrich 230, 711
Denaro, M. 497
Dessinges, Aimée 1443
Deushi, Takeo 1541
Devys, Michel 1189
Dirlam, John P. 1213
Dittmar, Kurt E. J. 1158
Dobashi, Kazuyuki 629
Doyle, Terrence W. 1199, 1446, 1547, 1784
Dubay, George 1784
Eda, Shigeru 1037
Edwards, Duncan M. F. 322
Egert, Ernst 7
Eiki, Hideo 1000
Endo, Akira 407
Enokita, Ryuzo 329, 662
Ezaki, Masami 542
Fantini, A. 558
Favre-Bonvin, Jean 1430
Fedorova, Galina B. 1441, 1790
Fehr, Theodor 897
Felty-Duckworth, A. M. 63, 1673
Fernandes, Prabhavathi B. 94, 521, 538
Fernández-Cañón, José M. 1398, 1410, 1416
Ferrari, Pietro 361, 497, 1268, 1276, 1684, 1800
Ferrero, Miguel A. 1410, 1416
Fiala, R. R. 398
Fiedler, Hans-Peter 230, 711, 913
Financsek, István 325
Fish, J. P. 1593
Fisher, Michael H. 1304
Florent, J. C. 1823
Floss, Heinz G. 1151, 1643, 1649
Forrest, Andrew K. 1817
Fromtling, Robert A. 174, 795, 815, 1718
Frydrych, Colin H. 1328
Fujii, Akio 788
Fujii, Hideji 788
Fujioka, Hisashi 1308
Fujita, Shigeo 1043
Fujiwara, Tatsuro 903
Fukagawa, Yasuo 1520
Fukase, Koichi 837
Fukuda, David S. 382, 389
Funayama, Shinji 479, 1037, 1344, 1350, 1734
Furihata, Kazuo 1026, 1196
Furukawa, Jun 276
Furumoto, Tadashi 585, 1302
Furuya, Kouhei 198
Furuya, Toshio 1043
Fushimi, Susumu 1019, 1026, 1370
Gadebusch, Hans H. 795, 807, 815
Gariboldi, Pierluigi 1631, 1639
Garrity, George M. 1718
Gastaldo, L. 497
Gause, George F. 1790
Genot, A. 1823
Geyl, Dieter 1283
Giacobbe, Robert A. 163
Gilfillan, Evemarie C. 807, 815
Gill, Charles 795
Gilliam, James M. 470
Gilpin, Martin L. 627
Goldberg, Irving H. 761
Goldstein, B. P. 497
Golik, Jerzy 1784
Gomi, Shuichi 1145
Goodman, J. 398, 846, 1489
Goto, Toshio 542, 549, 553, 620
Gould, Steven J. 179, 189
Greenstein, M. 558, 846, 1489
Grigg, Geoffrey W. 482
Gullo, V. 1063
Guo, Hui-Yan 1860
Hadley, Susan K. 815
Halley, Karen A. 179
Hamada, Masa 467, 486, 629, 823, 831, 883, 952, 993, 1145, 1704
Haneishi, Tatsuo 198, 329, 662, 667, 674, 691, 701, 1741
Hannan, Peter C. T. 454
Hanson, Charles W. 94, 521, 538
Hara, Mitsunobu 333, 1768
Hara, Osamu 491
Harada, Ken-ichi 691, 701, 1056
Harada, Setsuo 84, 1619
Hardy, Dwight J. 94, 521, 538
Hare, R. 1063
Harrington, Frank P. 367, 1241, 1328
Harrison, Paul H. 577
Haruta, Hisae 1578
Hasegawa, Mamoru 934
Hashimoto, Masashi 549, 1230
Hasumi, Yayoi 1530
Hatanaka, Hiroshi 620
Hattori, Seiko 467
Hattori, Teruo 869, 1460, 1513, 1729
Hayakawa, Yoichi 1196, 1526, 1698, 1879
Hayashi, Hidemi 1704
Hayashi, Michiko 312
Hayashi, Mitsuo 1003, 1362, 1869
Hegde, V. 1063
Heitsch, Holger 230, 711
Henkel, Thomas 299
Hensens, Otto D. 761, 1718
Hidaka, Tomomi 491
Higashi, Kyoichiro 1530
Higuchi, Yutaka 1873
Hikida, Muneo 123
Hino, Motohiro 1578, 1584, 1589

Hinoo, Hiroshi 1, 869, 1513
Hirano, Minoru 1756
Hirata, Tadashi 283, 1844
Hirooka, Keiichiro 1460
Hirota, Akira 218, 223
Hirotani, Kenji 1202
Höfle, Gerhard 14
Hofmann, Hans 591
Holmes, Duncan S. 1088
Hood, J. D. 1593
Horan, Ann C. 1063, 1547
Hori, Makoto 1704, 1831
Hori, Ritsuko 598
Hori, Yasuhiro 542
Hoshino, Hiroo 344
Hoshino, Yutaka 317
Hosoda, Junji 145, 1578
Hotta, Kunimoto 745, 831, 1704
Houck, D. R. 1643
Hsu, Yuan-Hsun 218, 223
Huang, Liang H. 37, 206, 1213, 1453
Huang, Shyh-Pyng 993
Humphrey, Patrick E. 527
Hunt, A. H. 389
Hunt, Eric 293, 1817
Hütter, Klaus 7
Ichikawa, Yuh-ichiro 1854
Ichimura, Michio 1299
Iguchi-Ariga, Sanae M. M. 604
Iida, Takao 1470, 1475
Iijima, Masatomi 952
Iitaka, Yoichi 1008, 1562
Iizuka, Tetsutaro 1178
Ikeda, Daishiro 611, 831, 993, 1133, 1556, 1562
Ikemoto, Masahiko 1370
Ikemoto, Takaya 691, 701
Imai, Harumitsu 1000, 1043, 1186, 1321, 1324
Imai, Satoshi 491
Imai, Shinsuke 1196
Imamura, Kanji 1698
Imamura, Nobutaka 156, 1324
Imanaka, Hiroshi 1578, 1584, 1589
Imoto, Masaya 823
Imura, Yukimasa 1869
Inoue, Matsuhisa 123
Inouye, Shigeharu 1518, 1713
Inouye, Yoshio 107, 276, 968, 1523
Inukai, Masatoshi 198, 329, 662, 667, 674
Ishibashi, Masami 1734
Ishiguro, Masaji 977
Ishiguro, Masaru 1453
Ishihara, Yukiko 49
Ishii, Kikuo 1, 1513
Ishii, Shigetaka 1518, 1713, 1877
Ishii, Yoshiaki 1530
Ishiwata, Hiroyuki 1541
Ishizuka, Masaaki 467, 952
Isono, Fujio 662, 667, 674
Isono, Kiyoshi 102, 141, 919, 1290, 1312, 1599, 1607
Isshiki, Kunio 467
Ito, Noriki 340
Ito, Shin-ichi 779
Ito, Tatsuo 1205
Ito, Yuuko 598
Itoh, Hisakatsu 1535
Itoh, Osamu 1518
Itoh, Yoshikuni 1584, 1589
Iwado, Seigo 1741
Iwaguchi, Takao 1202
Iwami, Morita 680, 686, 1578
Iwamoto, Junji 1205
Iwanami, Masaru 890, 1000, 1186, 1331, 1339
Iwasaki, Hitoshi 1012
Jackson, Marianna 506, 527
Járai, Miklós 325
Jefferson, Mark T. 206
Jefson, Martin R. 1453, 1610
Johnson, Janice H. 1184, 1515
Johnson, R. A. 132
Kadokura, Yumiko 633
Kadota, Shigenobu 890, 1000, 1043, 1186, 1331
Kahle, Alicia D. 1184
Kakinuma, Katsumi 926
Kameda, Yukihiko 585, 1302
Kamei, Hideo 1449, 1756
Kamimura, Toshiaki 159, 1124
Kamiya, Kazuhiro 1535
Kamiya, Nobuo 1012
Kamoshida, Katuo 236
Kanbe, Toshie 1704
Kaneda, Keiji 1453
Kanegasaki, Shiro 1171, 1178
Kaneko, Isao 236
Kaniwa, Hidetoshi 1339
Kaplan, L. 944
Kariya, Yuko 1518, 1713, 1877
Karwowski, James P. 506, 527
Kase, Hiroshi 1049, 1775
Kasher, Jeffrey S. 1653
Katayama, Akira 549, 1230
Katayama, Katsumi 585
Katayama, Nozomi 84
Katayama, Teruaki 1
Katayama, Toshiaki 674
Kato, Shinichiro 1879
Kato, Toshiyuki 1, 869
Katrukha, H. S. 1441
Katsumata, Shigeo 479, 1299, 1768
Kawaguchi, Hiroshi 317, 837, 852, 1449, 1749
Kawahara, Ryuichi 347
Kawai, Hiroyuki 1424, 1879
Kawai, Yurie 1015
Kawakami, Takatoshi 1722

Kawakita, Kazuhito 431
Kawamoto, Isao 333, 564, 1049, 1768, 1775
Kawamura, Ikuo 553
Kawamura, Yoshimi 1, 1465
Kawanishi, Gosei 127, 1838
Kawasaki, Tomiko 1879
Kelemen, Gabriella H. 325
Keller, P. J. 1643
Kettenring, Jürgen K. 254, 268, 1684
Khoo, Corinne L.-Y. 640
Kihara, Tsuyoshi 141, 919
Kikuchi, Junko 869, 1513
Kikuchi, Takao 413
Kim, Hyun Soo 769
Kimura, Ikumi 1056
Kimura, Ken-ichi 127, 1838
Kimura, Yasuo 1460
Kind, Rüdiger 7
King, A. 1063
Kino, Tohru 620
Kinoshita, Kenji 1003, 1869
Kinoshita, Takeshi 667, 1741
Kirst, Herbert A. 1253, 1673
Kiyoshima, Kohki 1661
Kiyoto, Sumio 1221, 1230, 1235
Kleinkauf, Horst 1283
Kloosterman, David A. 1006
Kmety, Andrea 1494
Knott, Sarah J. 367, 1241
Knowles, David J. C. 293, 454
Ko, Keido 141
Kobayashi, Eiji 153, 1470, 1475
Kobayashi, Naoki 1318
Kobayashi, Yumiko 141
Kobel, Hans 591
Kobinata, Kimie 1312
Kobori, Masato 340, 1331, 1530
Kobrin M. B. 1441
Kodama, Kentaro 198
Kogami, Yuji 903
Kohda, Toru 18, 73
Kohl, Werner 14
Kohl, William L. 527
Kohsaka, Masanobu 145, 680, 686, 1221, 1230, 1235, 1356, 1578, 1584, 1589
Koizuka, Satoyo 977
Kojima, Fukiko 486
Kojima, Noriko 691
Kojima, Yasuhiro 1213
Kojiri, Katsuhisa 486, 489, 883, 1008
Komagata, Daisuke 407
Komeshima, Nobuyasu 1424
Komiyama, Kanki 479, 718, 1037, 1114, 1344, 1350, 1722, 1734
Komuro, Keiko 1133, 1315, 1318
Kondo, Eiji 1
Kondo, Haruo 1205
Kondo, Koichi 1873
Kondo, Shin-ichi 149, 611, 993, 1133, 1145, 1518, 1713
König, Wilfried A. 230, 711
Konishi, Masataka 837, 852, 1449, 1749
Konishi, Takao 463
Korshalla, J. 558, 846, 1489
Koyama, Yoshiyuki 993
Krishnan, Bala 1784
Kubo, Akinori 107
Kubo, Tae 968
Kuck, Nydia A. 558, 846, 1070, 1489
Kuga, Hiroshi 156
Kuhn, Max 897
Kukita, Ken-ichi 347
Kunimoto, Setsuko 116
Kunze, Brigitte 14
Kuo, Ming-S. T. 357, 472, 475, 1006
Kuramochi, Hiroshi 1163
Kurasawa, Shogo 1556, 1562
Kusakabe, Hiroo 141, 1312, 1599
Kuwano, Harumitsu 667
Kyotani, Hisashi 1
Laborde, Maria de los A. 1443
Lancini, Gian Carlo 361
Larsen, Stephen H. 470, 623
Lauer, Ursula 875
Lawen, Alfons 1283
Lechevalier, H. A. 558, 846, 1489
Lechevalier, M. P. 558, 846, 1489
Lee, May D. 1070
Leeds, J. P. 1673
Li, Grace P. 472, 475
Li, Zhe 577
Liesch, Jerrold M. 168
Liggett, W. F. 132, 826
Liu, Chi-Yin 1506
Liu, Hua-Zheu 1506
Lomakina, Nina N. 1790
Loosli, Hans-Rudolf 897
Lou, Zhi-Xian 654
Luengo, José M. 1398, 1410, 1416, 1502
Lukacs, Gabor 1393, 1443, 1494
Machytka, Daisy 1494
Maeda, Hiroshi 37, 206, 1213, 1453
Maeda, Yoko 977
Magae, Junji 1290
Maiese, W. M. 558, 846, 1489
Malabarba, Adriano 1684, 1800
Manger, B. R. 1593
Manning, Joann K. 1070
Marquez, J. 1063
Marshall, V. P. 132, 826
Martínez-Blanco, Honorina 1398, 1410, 1416
Martin-Villacorta, Javier 1502
Marumo, Shingo 440
Marunaka, Teruyoshi 647, 654

Masaki, Shunichiro 463
Mashiko, Hiroshi 413
Masuda, Toru 952
Matson, James A. 1446, 1547, 1763, 1784
Matsubara, Kenichi 644
Matsuda, Naoko 467, 629
Matsuhashi, Gen 1205
Matsui, Katsuhiko 585, 1302
Matsukuma, Ikuo 1844
Matsumoto, Hiroshi 654
Matsumoto, Hisao 1339
Matsumoto, Keizo 989
Matsumoto, Kiyoshi 1449
Matsumoto, Koichi 1, 869, 1465, 1513, 1729
Matsumoto, Makoto 1465
Matsumoto, Masaru 347
Matsumoto, Yoshimi 159, 1124
Mattern, Sibylle 913
Maus, M. L. 506
McAlpine, James B. 512, 533
McDaniel, Donna 538
McGuire, Jeffrey C. 1567
McHenney, Margaret A. 1725
Mertz, Frederick P. 623
Meyers, Edward 1515
Micetich, Ronald G. 637
Michel, K. H. 389
Milner, Peter H. 1328
Minami, Yoshinori 647, 654
Ming, Li 1443
Ming, Xiu-ying 1294
Mita, Akira 1344, 1350
Mito, Nobuaki 1370
Mitsuhashi, Susumu 123
Mitsuyama, Junichi 598
Miura, Satomi 1324
Miyaki, Takeo 242, 317, 837, 1449, 1749
Miyata, Nobuo 127, 1838
Miyauchi, Mayumi 1734
Mizota, Tamotsu 553
Mizsak, Stephen A. 357
Mizutani, Shigetoshi 952
Mocek, Ursula 1643, 1649
Mochida, Kenichi 283, 1844
Mogi, Kinichi 347
Molloy, R. M. 389
Monaghan, Richard L. 163, 1718
Monneret, C. 1823
Mori, Hiroharu 1734
Mori, Michiko 491
Morimoto, Makoto 333, 571, 1299, 1470
Morimoto, Shigeo 1012
Morinaga, Tomonori 1838
Morioka, Moto 745, 831, 1000, 1043
Morishima, Hajime 486, 489, 883, 1008
Morishita, Atsuki 1362
Morito, Toshihiro 989
Moriya, Yukari 1831
Morohoshi, Toshiro 138
Moshier, Peter M. 37
Mrozik, Helmut 1304
Murakawa, Shigeo 407
Muraoka, Yasuhiko 633
Murata, Hideaki 691, 701, 1056
Murata, Masatsune 727
Myllymaki, Robert 1446
Nagahata, Takemitsu 644
Nagai, Kazuo 1290
Nagai, Koji 1331
Nagai, Machiko 883
Nagaki, Hidemi 198
Naganawa, Hiroshi 467, 629, 633, 823, 831, 952, 1562, 1661
Nagaoka, Katsuhiko 486
Nagaoka, Kozo 491
Nagarajan, Ramakrishnan 63, 1438
Nagasawa, Mieko 1518, 1713, 1877
Naito, Takayuki 242
Nakada, Hirohisa 542, 549, 553
Nakagawa, Akira 718, 1114, 1321, 1324
Nakagawa, Masahira 218, 223
Nakagawa, Masaya 1698
Nakahara, Kunio 553
Nakajima, Hidenori 542
Nakajima, Mutsuo 198, 1741
Nakajima, Shohachi 1424
Nakakita, Yasukazu 317
Nakamura, Hikaru 1008, 1562
Nakamura, Shoshiro 107, 276, 968, 1523
Nakamura, Yoshihiro 18, 73
Nakanishi, Eiji 54
Nakanishi, Satoshi 1049, 1775
Nakano, Hirofumi ...153, 333, 564, 571, 1470, 1768
Nakano, Michiko M. 413, 423
Nakashima, Toshiaki 347
Nakata, Munehiro 1171, 1178
Nakatani, Tokuji 633
Nakatsu, Kazumi 1003
Nakayama, Masahito 1535, 1541
Nakayama, Mitsuru 218, 223
Nakayama, Osamu 680, 686, 1221, 1230, 1235
Nakayama, Shōji 127
Nakazawa, Tadashi 149
Narita, Tadashi 347
Narukawa, Yukitoshi 1100
Naruse, Nobuaki 837
Natsume, Masahiro 440
Nemoto, Kyuichi 312, 788
Neszmélyi, András 1494
Nielsen, Jennifer B. K. 944, 1248
Nihira, Takuya 752, 769, 1191, 1873
Nimi, Osamu 135
Ninoo, Hiroshi 1460
Nishihara, Tatsuro 977

Nishikawa, Motoaki 1356
Nishikawa, Shigeru 1019, 1370
Nishimura, Makoto 542, 549, 553
Nishimura, Shintaro 159, 1124
Nishimura, Toshio.....968
Nishino, Takeshi 977
Nishio, Maki 852, 1749
Nishioka, Hiroshi 823
Nishiyama, Satoshi 37, 1213, 1453
Nishiyama, Yukihiro 1308, 1854
Noguchi, Tadashi 1196, 1526
Nomoto, Hisayo 479
Nomoto, Kikuo 779
Nomura, Hideo 1661
Nosaka, Chisato 116, 1133, 1315, 1318
Nozaki, Hiroshi 223
Nozaki, Yukimasa 84
Numata, Kei-ichi 1756
Occolowitz, John L. 63, 623
Odai, Hideharu 952
Ogasa, Takehiro 283
Ogasawara, Yoshiaki 54
Ogata, Rie 629
Ogawa, Tatsuhiro 1299
Ogawa, Yasuaki 926
Ogawara, Hiroshi 340, 413, 423, 1530
Ogita, Takeshi 198
O'Hanlon, Peter J. 1241
Ohashi, Hiroshi 1191
Ohkuma, Hiroaki 1449
Ohno, Hiroe 1470
Ohtsu, Emiko 977
Oikawa, Hideaki 1088
Oikawa, Tsutomu 1202
Oishi, Kazunori 989
Okachi, Ryo 283, 1844
Okada, Hiromasa 276
Okami, Yoshiro 745, 831, 1556, 1562
Okamoto, Kiyomi 977
Okamoto, Masanori 1578, 1584, 1589
Okamoto, Rokuro 1661
Okazaki, Hisayoshi 84
Okazaki, Takao 1741
Oki, Toshikazu 242, 317, 852, 1449, 1749, 1756
Okuhara, Masakuni 542, 553, 620, 686, 1221, 1235, 1578
Olesker, Alain 1393, 1443
Omura, Sadafumi 1433
Ōmura, Satoshi 156, 431, 479, 718, 727, 1037, 1114, 1253, 1321, 1324, 1344, 1350, 1673, 1722, 1734
Ono, Eiji 18, 73
Ono, Hideo 84
Onodera, Kazukiyo 779
Onoue, Hiroshi 1100
Oosono, Michiyo 467
Osada, Hiroyuki 102, 141, 1290, 1599, 1607
Oscarson, John R. 37, 1213
Ose, Earl E. 1253, 1673
Osono, Michiyo 952
O'Sullivan, Joseph 1515
Ōtake, Noboru 926, 1424, 1698
Otani, Genji 1535, 1541
Otani, Toshio 647, 654, 1294
Otoguro, Kazuhiko 156
Ott, John L. 63, 1253, 1673
Ozasa, Teruaki 1331, 1339
Pacey, Michael S. 206, 1453
Paik, Soon-Young 135
Pallanza, Rosa 1684, 1800
Pallanza, Rosetta 1268, 1276
Pan, Qi-Chao 1860
Pandey, Ramesh C. 1567
Parenti, Francesco 497, 1882
Parisot, Denise 1189
Park, Hae-il 1315
Partyka, R. A. 1379
Paschal, Jonathan W. 470, 623
Patel, Mahesh 1063, 1547
Pawlak, Jan K. 1639
Pelak, Barbara Ann 807, 815
Phillipson, D. W. 1184, 1515
Pommier, Marie-Thérèse 1430
Ponelle, Monique 897
Ponticas, Suzanne 795
Poulton, M. E. 1593
Preiser, Franz A. 1304
Presseau, Laura 37
Ramer, Nancy R. 94
Ramjit, H. G. 30
Rance, Michael J. 206
Rasmussen, Ronald R. 521
Rawlings, Bernard J. 577
Reamer, R. A. 30
Reese, Catherine P. 1610
Reglero, Angel 1398, 1410, 1416, 1502
Reichenbach, Hans 14
Rickards, Rodney W. 336, 640
Riva, E. 497
Robinson, Gordon 1515
Robinson, John A. 1088
Rocherolle, Valentine 1393
Rodphaya, Dararat 752
Rohr, Jürgen 299, 1151, 1482
Rooney, C. S. 30
Rose, William C. 1199, 1446
Ruby, Carolyn L. 1304
Ruddock, John C. 206
Ruggeri, Catherine 1443
Saikawa, Isamu 598
Saito, Hitoshi 1294
Saito, Takeshi 1000, 1043, 1186, 1331, 1530
Saitoh, Kyoichiro 1749
Saitoh, Yutaka 571

Sakai, Michiko 1015
Sakaida, Yoshiharu 662
Sakakibara, Hideo 903
Sakakibara, Tatsuo 1213
Sakamoto, Michiko 1661
Sakane, Kazuo 159, 1124
Sakata, Nobuo 1704
Sakazaki, Ryuji 869, 1729
Sakazaki, Takami 1056
Sakuda, Shohei 1873
Sándor, Péter 1494
Sano, Hiroshi 49, 571, 718, 1114, 1475, 1775
Sasaki, Hiroshi 159, 1124
Sasaki, Joji 1433
Sasaki, Kazuya 779
Sasaki, Mitsuru 1370
Sasaki, Tohru 926
Sasaki, Toru 647
Sasaki, Toshio 1000
Sasaki, Yukio 54
Sasamata, Miho 1331, 1339
Sato, Kiyoshi 283, 1844
Sato, Tsutomu 890
Sato, Yoshikazu 149
Satoi, Shuzo 1003
Satsumabayashi, Sadayoshi 718, 1114
Sawa, Tsutomu 467, 823, 1661
Sawada, Yosuke 242
Schabel, Amelia A. 63, 1438
Scherer, Angela 875
Schliephacke, Heike 1158
Schmidt-Bäse, Karen 7
Schrempf, Hildgund 913
Schulte, Gayle K. 1213
Schwartz, Robert E. 163, 168
Seaton, Pamela J. 179, 189
Seki, Jun-ichi 344
Selva, E. 497
Seoda, Yoshiko 340
Seto, Haruo 491, 926, 1019, 1026, 1196, 1205, 1370, 1526, 1698
Sezaki, Masaji 149, 1145
Sheldrick, William S. 875
Shen, Yin-Chu 141
Shiba, Tetsuo 837
Shibai, Hiroshiro 18, 73
Shibakawa, Riichiro 37
Shibata, Kiyoshi 718, 1114
Shibata, Tomoyuki 374
Shibata, Toshihiro 1356
Shibuya, Toshiro 691, 701
Shigematsu, Nobuharu 1230
Shillingford, Christine 293, 454, 1817
Shima, Shoji 218, 223
Shimada, Hideaki 407
Shimada, Junichi 283
Shimada, Nobuyoshi 1308
Shimamura, Mariko 1202
Shimasaki, Hiroyuki 1344
Shimazu, Akira 1019
Shimizu, Minoru 1043, 1339
Shimizu, Toshiyuki 1312
Shimomura, Kyoichi 553
Shindo, Kazutoshi 1526
Shipkowitz, Nathan L. 94
Shirahata, Kunikatsu 49
Shiratsuchi, Masami 1535, 1541
Shiritani, Yoshinori 903
Shoji, Jun'ichi 1, 463, 869, 1460, 1465, 1513, 1729
Shomura, Takashi 149
Shungu, Daniel L. 795
Singh, Maya P. 637
Singh, Rajeshwar 637
Snyder, Nancy J. 1653
Sonoda, Tadamichi 102, 1599, 1607
Southgate, Robert 367, 1241
Sowiński, Pawel 1631, 1639
Spiri-Nakagawa, Priska 431
Spreafico, Franca 1684
Spry, Douglas O. 1653
Steglich, Wolfgang 738, 875
Sterner, Olov 738
Strazzolini, Paolo 1684
Sugawara, Yumi 312
Sugimura, Yukio 374
Sugiyama, Masanori 135
Sunga, Gabriela N. 527
Suzukake-Tsuchiya, Kayoko 1831
Suzuki, Hidekazu 431
Suzuki, Hideo 968
Suzuki, Kenichi ..890, 1000, 1043, 1186, 1331, 1530
Suzuki, Makoto 691, 701, 1056
Suzuki, Shiro 448
Swanson, Robert N. 94, 521, 538
Swanson, Sue J. 527
Tada, Hideaki 769
Takada, Masaki 1362
Takada, Teruyo 788
Takagi, Yasushi 1315, 1318
Takahashi, Atsushi 1556, 1562
Takahashi, Isami 333, 564, 571
Takahashi, Katsutoshi 1015, 1163, 1308, 1854
Takahashi, Kei-ichi 479, 1299, 1768
Takahashi, Shuji 236, 329, 662, 667
Takahashi, Toshiyuki 1619
Takahashi, Yōko 1037, 1344
Takahashi, Yoshikazu 629
Takahashi, Yoshio 1535, 1541
Takamatsu, Yasuyuki 329
Takamura, Shozo 448
Takamura, Shuichi 890
Takase, Shigehiro 145, 549, 1230, 1356, 1584, 1589

Takatsu, Toshio 329
Takaya, Takao 159, 1124
Take, Yukinori 107, 968, 1523
Takeda, Akinori 135
Takemori, Eriko 968
Takenaka, Akio 1526
Takenaka, Satoshi 1869
Takeuchi, Masayoshi 585
Takeuchi, Michiko 198, 329
Takeuchi, Tomio 116, 312, 344, 467, 486, 489, 611, 629, 788, 823, 883, 952, 993, 1133, 1145, 1163, 1315, 1318, 1424, 1556, 1562, 1661, 1831
Takiguchi, Toshimitsu 1768
Takita, Tomohisa 312, 629, 633
Takizawa, Masayuki 1619
Tamaoki, Tatsuya 153, 564, 571, 1470
Tamborini, G. 268
Tanabe, Masahide 1704
Tanaka, Haruo 156, 431, 727, 1722
Tanaka, Hirokazu 549, 620
Tanaka, Ko-ichi 1530
Tanaka, Kouichi 1000, 1331, 1339
Tanaka, Miho 1221, 1235
Tanida, Seiichi 1619
Tanimoto, Tatsuo 1, 1465
Tanino, Teruo 138
Tao, Eddie V. 1253
Tarzia, Giorgio 1684
Tawara, Katsuya 869
Tenmyo, Osamu 837
Terano, Hiroshi 145, 680, 686, 1356
Terui, Yoshihiro 869, 1513
Testa, Raymond T. 1070
Theriault, Robert J. 506, 527
Thomas, J. 558
Thomas, Monica C. 1567
Titus, Jeffery 1547
Toda, Yoichiro 1879
Tohma, Susumu 1205
Tokareva, Nina L. 1790
Tokunaga, Tatsuhiro 1043
Tomatsu, Kozo 852, 1756
Tomita, Koji 317, 837, 852
Tomita, Toshio 1171, 1178
Tone, Junsuke 37, 206, 1213, 1453
Torikata, Akio 691, 701
Toth, J. E. 1673
Toussaint, Margaret W. 1567
Traber, René 591, 1283
Trani, Aldo 1268, 1276
Treiber, L. R. 30
Trejo, William H. 1515
Trowitzsch-Kienast, Wolfram 1158
Truedell, B. A. 1673
Tsou, H.-R. 398
Tsubotani, Shigetoshi 1619
Tsuchiya, Tsutomu 1315, 1318
Tsuji, Naoki 463
Tsujino, Masatoshi 1362
Tsuno, Takashi 242, 1449
Tsunoda, Kyoko 102
Tsurumi, Yasuhisa 1356
Tsurimoto, Toshiki 644
Tsuruo, Takashi 1424
Tsutano, Sayuri 276
Tsuzuki, Kazuo 727
Tuan, G. 254
Turner, J. R. 389
Tustin, J. M. 1673
Tyler, John W. 627
Ubukata, Makoto 919
Uchida, Itsuo 1589
Ueda, Keiji 644
Ueda, Yasutsugu 1379
Uehara, Yoshimasa 1831
Ueno, Kazue 960
Umezawa, Hamao 486, 489, 883
Umezawa, Iwao 479
Umezawa, Kazuo 611, 823
Umezawa, Sachino 317
Umezawa, Sumio 1315, 1318
Uotani, Nobuo 1729
Uramoto, Masakazu 141, 1607
Urata, Tetsuro 1879
Usui, Tohru 138
Uzawa, Jun 919, 1607
Valiant, Mary E. 795, 807, 1718
VanDuyne, Gregory D. 1449
Vederas, John C. 577
Vicenzi, Jeffrey T. 1253
Villarreal, Rosita M. 527
Vyas, Dolatrai M. 1199
Wakamiya, Tateaki 837
Wako, Nobuko 1133
Walkinshaw, Malcolm Douglas 897
Wang, Bao-Nu 141
Watabe, Hiro-omi 149
Watanabe, Azuma 1520
Watanabe, Hideyuki 903
Watanabe, Isamu 1541
Watanabe, Kunitomo 960
Watanabe, Masahiko 1424
Watanabe, Shun-ichi 340, 1331, 1530
Watanabe, Yoshiaki 1012
Weissberger, Barbara A. 795, 815
Wells, J. Scott 1515
Whipple, Earl B. 206, 1610
Whittern, David N. 512, 533
Wichmann, Carol F. 168
Wildey, M. J. 558, 846, 1489
Willard, Kevin E. 389, 1253, 1673
Williams, David R. 1070
Wilson, Jennifer M. 293, 454, 1817

Wind, Julie A. 1253
Winters, G. 254, 268
Woodruff, H. Boyd 1037
Xu, Chin-Zhi 116
Xu, Wensi 467
Yagi, Masashi 1221, 1235
Yaginuma, Satoshi 1362
Yamada, Mamoru 1213
Yamada, Yasuhiro 752, 769, 1191, 1873
Yamada, Yoshinari 1308, 1854
Yamada, Yuji 1294
Yamaguchi, Hideyo 968
Yamaguchi, Isamu 141, 553, 1312
Yamaguchi, Kenji 1523
Yamaki, Hiroshi 604
Yamamoto, Haruo 149, 1518, 1713, 1877
Yamamoto, Katsumi 276
Yamamoto, Masashi 989
Yamamoto, Naohiko 1308, 1854
Yamamoto, Naoki 779
Yamamoto, Takuzo 486, 489, 883, 1008
Yamanaka, Kunitoshi 138
Yamasaki, Makari 1290
Yamashita, Takumi 1015
Yanagimoto, Masakatsu.....769
Yang, Jianxin 629
Yang, Zhaozhong 467
Yang, Zhi-Bo 1722
Yasuda, Naohiko 54
Yasuda, Nobuyoshi 159, 1124
Yasuda, Takashi 598
Yasuda, Yukio 1, 1465
Yasui, Kazuhisa 440
Yasuzawa, Toru 1775
Ying, Xing 141
Yokotsuka, Junko 1205
Yokozuka, Tadao 727
Yoshida, Junko 448
Yoshida, Keizo 1578
Yoshida, Masuhito 123
Yoshida, Mayumi 333, 571, 1475
Yoshida, Tadashi 1460, 1465, 1513, 1729
Yoshida, Toshiaki 989
Yoshioka, Takeo 1520, 1661
Yotsuji, Akira 598
Yu, Bin 1294
Yu, Qi-Wei 647, 654
Yurek, David A. 357, 472, 475, 1006
Zähner, Hans 230, 711, 913
Zanol, Margherita 361
Zeeck, Axel 7, 299
Zerilli, Luigi Franco 254, 361, 497
Zhen, Yong-su 1294
Zheng, Ying-Hua 1911
Zhi-Bo, Yang 718, 1114
Zhu, Baoquan 467
Zink, Deborah L. 1718
Zocher, Rainer 1283
Zomaya, Iskander I. 293

SUBSTANCE INDEX

Page numbers of principal references are shown in bold print.

Acacetin 340, **1523**
Acetoxycycloheximide **1530**
N-Acetyl-D-cycloserine 84
N-Acetyl-L-cycloserine 84
N-Acetylthienamycin derivatives **1100**
Actinomycin D 1294
Aculeacin 174
Aculeximycin **691, 701**
Aculexitriose **691, 701**
Acyclovir 1854
14-*O*-Acyladriamycins **611**
Adecypenol **1722**
Adriamycin 1567
Agglomerin A, B, C, D **1729**
Aleurodiscal **875**
Alphostatin **486, 489**
Altemicidin **1556, 1562**
Amikacin 423, 807
3-Aminobenzamide **1860**
3-Amino-3-deoxydisaccharides **585**
7-*O*-(3-Amino-2,3,6-trideoxy-2-fluoro-α-L-talopyranosyl)adriamycinone **1315**
7-*O*-(3-Amino-2,3,6-trideoxy-2-fluoro-α-L-talopyranosyl)daunomycinone **1315**
Amoxicillin 977, 1844
Amphotericin B 174, 1756
Ampicillin 123, 637, 960, 989
Anhydrofusarubin lactol **1189**
Anhydromaggiemycin **1567**
Anhydro-7-oxodaunomycinone 1567
Ankinomycin **149, 1518**
Ansamitosin P-3 604
Anthracyclines **1823**
Anthracyclinones **1698**
Apigenin 340, **1523**
Ara-A **1722**
Ashimycin A, B **1205**
Augmentin 73
Aurodox 944
Avermectin analogs **1304**
Avermectin B_{1a} **1494**
Azaserine 1294
Azidothymidine 344
Azomycin **1513**
Aztreonam 123, 795
Bacitracin methylene disalicylate 1489
Baicalein **1523**
Barminomycin I **127**
Benanomicin A, B **344, 1145**
1,4-Benzoquinone 107
Benzylpenicillin 73, 123, 138, 637, 960, 977, 1398, 1410, 1416
Bialaphos **491**
2,2′-Bicinchoninate **834**
Biochanin A 340, **1523**
Blasticidin S **135, 470**
Bleomycin 1294, **1860**
Bleomycins **482**
Borrelidin **1006**
Bostrycoidin 1189
Brefeldin A 1877
Calcium ion **440**
Calicheamicins **558, 1070**
Calphostin A, B, C, D, I **1470, 1475**
Carazostatin **1879**
Carbacephem derivatives **1653**
Carbacephems **283**
Carbapenem antibiotics **18, 73**
Carbenicillin 674, 960
Carbocyclic oxetanocin G **1854**
Carminomycin I 1567
Carminomycins **1698**
Carumonam 123
D-(+)-Catechin 1523
Catecholic piperacillin analogues **1328**
Cefaclor 283, 977, 1653, 1844
Cefazolin 123, 138, 159, 960, 989, 1124
Cefbuperazone 989
Cefepime 795
Cefetamet 1653
Cefixime 977, 1653
Cefmenoxime 54, 123, 960
Cefmetazole 123
Cefminox 989
Cefodizime **989**
Cefoperazone 123, 138, 674, 795
Cefotaxime 54, 123, 674, 960, 977, 989
Cefotetan 123
Cefotiam 989
Cefoxitin 123, 960, 977
Cefpimizole 989
Cefpirome 795
Cefsulodin 674, 795
Ceftazidime 123, 674, 795, 815
Cefteram 977
Ceftizoxime 73, 123, 159
Cefuroxime 123, 960
Cephalexin 123, 1653, 1844
Cephaloridine 123, 960, 977
Cephalosporin analogs **1241**
Cephalosporin C 73
Cephalothin 123, 960
Cephamycin C 73
Cephem derivatives **1653**

Cerulenin **1171, 1178**
Cervinomycin A_1 431
Chainin 577
Chloramphenicol 138, 989
Chloroorienticin A, B, C 1438
Chlorpromazine 1163
Chromomycin A_3 1294
Chrysin **1523**
Chrysomycin M, V **1446**
Cilofungin 382, **389**
Cinodine γ1, γ2 533
Ciprofloxacin 807
Cirramycin A_1, B 242
Cirramycin F-1, F-2 ..... **242**
Cispentacin **1749, 1756**
Cisplatin 553
Clarithromycin **1433**
Clavulanic acid 73, 84, 123, 159, 960, 1124
Clindamycin 94, 903, 989
Cloxacillin 960
Colistin 107
Complestatin **236**
Coumamidine γ1 ..... **533, 538**
Coumamidine γ2 ..... **533**
Coumamidines **527**
Coumermycin analogs **1379**
Coumermycin A_1 1379
Culpin **1515**
Cycloheximide 647, **1530**
D-Cycloserine 84
L-Cycloserine 84
Cyclosporine A 788
Cyclosporins **591, 1283**
Cytovaricin **919**
Dactimicin **745**, 831
Daidzein 340, 1344
Dalbaheptides **1882**
Damavaricin Fc derivative **779**
Daunomycinone 1567
Daunorubicin 49, 1294, 1315, 1318, 1567
Daunorubicin analogues **1393**
Deacetylcephalosporin C 84
4-Deacetyl-4-*O*-isobutyrylkinamycin C **467**
Deacetylravidomycin 347
Deacetylravidomycin *N*-oxide **347**
3′-Deamino-3′-morpholino-13-deoxo-10-hydroxycarminomycin **1424**
19-Deformyl-4′-deoxydesmycosin **903**
19-Deformyldesmycosin 903
Dehydrorabelomycin 179
4-Demethoxy-9-hydroxymethyl-9-deacetyl daunorubicinone **1823**
N-Demethylclarithromycin **1433**
Demycarosyltylosin 903
20-Deoxo-20-(3,5-dimethylpiperidin-1-yl)desmycosin **1253**
13-Deoxo-10-hydroxycarminomycin **1424**
Deoxyadenosine **1722**
4′-Deoxydesmycosin 903
9-(2-Deoxy-2-hydroxymethyl-β-D-*erythro*-oxetanosyl)guanine **1308**
1-Deoxymannojirimycin **1302**
6-Deoxy-8-*O*-methylrabelomycin 627
Deoxymethylspergualin **788**
7-*O*-(6-Deoxy-2-*O*-methyl-α-L-talopyranosyl)adriamycinone **1318**
7-*O*-(6-Deoxy-2-*O*-methyl-α-L-talopyranosyl)daunomycinone **1318**
26-Deoxymonensin A **1088**
1-Deoxynojirimycin 1302
Deoxyspergualin **312, 788**
15-Deoxyspergualin **116**
2-Deoxystreptamine **926**
Desmycosin 903, 1253
Desmycosin derivatives **1253**
Dextran sulfate 344
Dianemycin 37
Diazaquinomycin A analogues **727**
Dibekacin 423
Dibucaine 1163
7,8-Didemethyl-8-hydroxy-5-deazariboflavin **472, 475**
N,*N*-Diethyl-4-methyl-3-oxo-4-aza-5α-androstane-17β-carboxamide ..... 123[illegible]
(9*S*)-9-Dihydroerythromycin A derivatives **293**
Dihydrostreptomycin 423
(3*S*,8*E*)-1,3-Dihydroxy-8-decen-5-one **952**
7,8-Dihydroxyflavone **1523**
1′,14-Dihydroxyisochainin **577**
9-(1,3-Dihydroxy-2-propoxymethyl)-guanine 1308
3,7-Dihydroxytropolone **317**
Doxorubicin 49, 107, 553, 611, 686, 968, 1294, 1315, 1318, 1424, 1518, 1713
Duocarmycin A 1299
Duocarmycin B_1, B_2 ..... **1299**
Duocarmycin C_1, C_2 1299
Dynemicin A **1449**
Echinocandin B **382**
Echinocandin B analogs **389**
Efrotomycin 94, **944**, 1248
Ellagic acid 107
Elloramycin **640**
Enduracidin A, B 107
Endusamycin **37**
1-Epidactimicin **745, 831**
Epiderstatin **1599, 1607**
2-Epimutalomycin **897**
28-Epimutalomycin **897**
(+)-Epipentenomycin I **1430**
Eremomycin **1790**
Erythromycin 454, 903, 1443, 1661
Erythromycin A 94, 242, 293, 1817

Erythromycin A oxime 11,12-carbonate **1817**
Erythromycin A oxime ethers **1817**
Estatin A, B **1362**
Ficellomycin **357**
Filipin II **322**
Filipin III 322
Fisetin 107, **1523**
Flavones **340, 1523**
5-Fluorocytosine 174, 1756
Flurithromycin 454
6α-Formamidopenicillins **367**
Forphenicine 486
D-Forphenicinol-cephalosporins **993**
Fortimicins **745**, 831, **934**
Fosfomycin 674
Fosfonochlorin **198**
Fungichromin 577
Fusarubin 1189
Ganciclovir 1854
Geldanamycin **604**
Genes **413, 423, 1704**
Genistein 340, **1523**
Genistin 340
Gentamicin 138, 423, 807, 815
Glucopiericidin A 1734
Glucopiericidinol A_1, A_2 .....**1734**
Glysperin A 107
Griseochelin 1213
Hatomamicin **1043**
Hedamycin 149
Herbimycin A **604, 1015, 1202, 1831**
Hidamicin **629**
Hitachimycin carbonate derivatives **718**
Hitachimycin derivatives **1114**
Homoalanosine **1370**
16-Hydroxyclarithromycin **1433**
9-(2-Hydroxyethoxymethyl)guanine 1308
7α-Hydroxyethyl cephem derivatives **159**
7α-Hydroxyethyl-1-oxacephem derivatives **1124**
3-Hydroxyflavone **1523**
1′-Hydroxyisochainin **577**
14-Hydroxyisochainin **577**
5-Hydroxymethylblasticidin S **470**
(14*R*)-14-Hydroxy-6-*O*-
methylerythromycin A **1012**
p-Hydroxyphenylacetaldoxime 883
Hypeptin **1460**
3-(2-Imidazolyl)thiomethyl cephalosporins **54**
Imipenem 73, 123, 159, 795, 960
Indole quinone 107
3-*O*-Isobutyrylkinamycin C **467**
Isochainin **577**
Isoflavone derivatives **340**
Isoflavones **1523**
Isoflavonoids 883, **1344, 1350**
Istamycins **745**, 831
Ivermectin 1593
Izenamicins **1000**
Janiemycin 107
Jietacin A, B **156**
Josamycin 454, 1443, 1661
Kaempferol 340, **1523**
Kalafungin 1186
Kanamycin 138, 423, 463
Kanamycin resistance gene **413, 423**
Karnamicins **852**
Keto-anhydrokinamycin **189**
Ketoconazole 1756
3-Ketosucrose **585**
3-Ketotrehalose **585**
Kidamycin 49
Kinamycin C 467
Kinamycin E, F **189**
Kinamycins **179**
Kitasamycin 242
β-Lactamases **960**
Lactenocin 1253
Lactenocin derivatives **1253**
Lactivicin **84**
Lactoquinomycin A 1063
Lanthiopeptin **837**
Latamoxef 123, 960
Lavanducyanin **1196**
Leinamycin **1768**
Lenoremycin 37
Leupeptin analogues **1506**
Leuseramycin 37
Lincomycin **472**, 475
Loracarbef 1653
Luzopeptin A, B, C 107
Macrocin 1253
Macrocin derivatives **1253**
Maggiemycin **1567**
Maniwamycin A, B **1535, 1541**
Mannostatin A, B **883, 1008**
Merulidial derivatives **738**
Methicillin 977
1-β-Methylcarbapenem antibiotics **374**
5-Methylcarbapenem derivatives **1100**
6-*O*-Methylerythromycin A 1012, **1433**
3-Methylpseudouridine **1248**
9-Methylstreptimidone 654
Metronidazole 94
Milbemycin D 1593
Milbemycins **1593**
Minocycline 138
Mitomycin A 49
Mitomycin A disulfide analogs **1199**
Mitomycin B 49
Mitomycin C 49, 968, 1199, 1294, 1331
Monacolin L **30**
Monacolins **407**
Monensin A 1088
Morin **1523**

Morpholino anthracyclines 1424
Moxalactam 795
Moyukamycin 37
Mureidomycin A, B, C, D **662, 667, 674**
Mutalomycin derivatives **897**
Mycaminosyl tylonolide 1000
Mycinamicin IV **1003**, 1869
Mycinamicin VIII **1869**
Mycinolide IV 1003
Myricetin **1523**
Myrocin C **218, 223**
Myxochelin A **14**
Myxothiazol **1158**
Nanaomycin A **1186**
Nanaomycin D 1186
α-Naphthoflavone 1523
Naphthoquinones 107
Neocarzinostatin **761**, 1294
Neoenactin A derivatives **276**
Neoenactin NL_1, NL_2 ..... **276**
Neomycin 423
Neosamine C **926**
Nikkomycin pseudo-J, -Z **711**
Nikkomycins **230, 913**
Nikkomycin Z 711
Nitracidomycin A, B **329**
Nitroglycerin 1578
Nocardicin A 73
Norfloxacin 815
Nosiheptide **1643**
Nystatin 174, 1718
Okilactomycin **1321**
Oleandomycin **132**, 454
Oxetanocin A derivatives **644**
Oxetanocin G **1308**, 1854
Oxetanocins 1854
7-Oxodaunomycinone 1567
Pacidamycins **506, 512, 521**
Paromomycin 423
Patulolides **752**
Penicillin analogs **1241**
Penicillins **367, 1502**
Pentenomycins 1430
Peplomycin **633, 1163**
Phenazinomycin **1037**
Phenelfamycin A, B, C, E, F **94**
Phenylacetic acid **1398, 1410, 1416**
Phleichrome 153
Phleomycins **482**
Phorbol dibutyrate **1290**
Phoslactomycin A, B, C, D, E, F **1019, 1026**
Phosphatidylinositol kinase **823**
Phospholine **1331, 1339**
Phthoramycin **1324**
Piperacillin 674, 795, 960
Piperacillin-analogues **598**
Pirarubicin derivatives **1133**
Pirlimycin **826**
Plasmid **325, 1725**
Polymyxin B 138
Polynactin 1556
Pre-kinamycin **189**
Preussin **1184**
Prunetin 340
Pseudouridine 711
Pyocyanine 1230
Pyridindolol 883
Pyrindamycin A, B **1713**
Quercetin 340, **1523**
Quinoline quinones 107
Ramoplanin **254, 268**
Ravidomycin 347
Ravidomycin *N*-oxide 347
Rebeccamycin 1547, 1784
Resorcinomycin A **1, 463**
Resorcinomycin B **1**
ε-Rhodomycinone 1567
Ribostamycin 423, 926
Rifamycin S 49
Ristocetin 1882
Ristocetin aglycon derivatives **1441**
Roxithromycin 454
Rubiflavinone C-1, C-2 623
Sakyomicin A 107
Sandramycin **1763**
Sangivamycin **102**
Siastatin A, B 883
Sibiromycin 1294
Sisomicin 423
Sodium 6β-[2-(2-aminothiazol-4-yl)-(*Z*)-2-methoxyiminoacetamido]-penicillinate **637**
Spergualins **116, 788**
Spermidine **116**
Spiramycin 454, 1443
Spiramycin I, II, III **132**
Spirocardin A, B **1741**
Sporaviridins 691, **1056**
Staurosporine 564, 571, 1290, 1619
Streptimidone 654
Streptococcal acid glycoprotein **448**
Streptomycin 73, 463
Streptonigrin 1294
Streptonigrin derivatives 107, **968**
Sulbactam 123, 159, 960, 1124
Sulbenicillin 674, 960
Suramin 107
Tautomycetin **141**
Tautomycin **1290**
Teicoplanin 361, 497, **1800**
Teicoplanin aglycone **1800**
Teicoplanin analogs **361, 1268, 1276**
Teicoplanin antibiotics **1684**
Tetracenomycin **640**

Tetracycline 138
Thiazostatin A, B **1526**
Thielavin A, B 107
Thienamycin 1100
Thiolactomycin 890
Thiostrepton **1649**
Thiotetromycin 890
Thioxamycin **1465**
Tilmicosin **1253**
Tobramycin 138, 423, 807
α-Tocopherol 1344
Toyocamycin 102
Triacetylcervinomycin A_1 ..... **431**
Triacetyldynemicin A **1449**
Trienomycin A, B 479
Trienomycin D, E **479**
Tubercidin 102
Tylosin **826**, 1253, 1443
Tylosin derivatives **1253, 1443, 1661**
Tylosin-related macrolides **1673**
Unphenelfamycin **94**
Urdamycin A derivatives **299**
Urdamycin H **1482**
Urdamycins **1151**, 1482
Vacidin A **1631, 1639**
Vancomycin 94, 497, 1684, 1882
Vancomycin derivatives **63**
Vidarabine **1722**
Vinblastine 553, 1163
Virginiae butanolide A, B 769, 1873
Virginiae butanolide C **769**, 1873
Virginiae butanolide D, E **1873**
Virginiae butanolides **1191**
Virginiamycin 769
Viriplanin A 7
Zincophorin 1213
A-130A, B, C 37
A-16686 ..... **254, 268**
A 19009 869
A42867 ..... **497**
A51493A **623**
A-56268 454
A82846B **1438**
A83094B, C **470**
AC-1370 989
AT2433-A1, -A2, -B1, -B2 ..... **1547, 1784**
BMY-28438 ..... **317**
BO-1236 ..... **795, 807, 815**
C-1027 ..... **1294**
CB-25-I **869**
CP-47,224 37
CP-53,607 37
CP-60,993 37
CP-63,517 ..... **37**
CP-78,545 ..... **1213**
CP-80,219 37
DC 107 ..... **333, 1768**
DN-23, -24, -25 ..... **1523**
EL-870 ..... **1253**
ER 42859 ..... **454**
FK409 ..... **1578, 1584, 1589**
FK-506 620
FR-66979 ..... **145**
FR-900411 ..... 1584, 1589
FR-900462 ..... **680, 686**
FR-900525 ..... **620**
FR900840 ..... **542, 549, 553**
FR-901235 ..... **1356**
G-2A, -2N **336**
H-7 1290
IC201 ..... **952**
KS-501, -502 ..... **1049**
KS-504a, b, d, e **1775**
KT3777 ..... **1844**
KT-3777 283
L-658,310 ..... **795, 807, 815**
L-671,329 ..... **163, 168, 174**
L-681,572 ..... **1718**
LL-BM123γ1, γ2 533
LL-E19020α, β **1489**
LL-E19085α **846**
LL-F28249α **398**
LY121019 ..... 382, **389**
MM 47755 ..... **627**
MT-141 989
MX2 ..... **1424**
NNU-023 ..... **1854**
NSC-D344012 ..... **1567**
OA-6129 B_2 ..... **1520**
R20X2 ..... **1424**
RK-699A **1312**
S-632-A_1 654
S-632-A_2 ..... 647, 654
S-632-B_1, -B_2 ..... **647, 654**
Sch 37137 869
Sch 38519 ..... **1063**
SF-1293 ..... **491**
SN-07 chromophore **127, 1838**
SUN5555 ..... **977**
SYN 205, 206, 207 ..... **637**
TAN-999 ..... **1619**
TAN-1030A **1619**
TE-031 ..... **1433**
TM-531B, -531C 37
TMC-016 ..... **903**
UCN-1028A **153**
UCN-01, -02 ..... **564, 571**
UCN-1028 ..... **1470, 1475**
UK-63,052 ..... **206**
UK-63,598 ..... **206**
UK-65,662 ..... **206**
UK-69,753 ..... **1453, 1610**
VM 44857 ..... **1593**
VM 44864 ..... **1593**

VM 44865 ..... **1593**
VM 44866 ..... **1593**
WS-9659 A, B **1221, 1230, 1235**
X-14931A **37**
X-14934A **37**
YL-0358M-A **1043**
YP-0298L-C **1230**
834-B1 ..... **890**